

55. (New) The isolated polynucleotide of claim 53 further comprising a heterologous polynucleotide.

56. (New) A vector comprising the polynucleotide of claim 53.

57. (New) A host cell comprising the polynucleotide of claim 53 operably associated with a heterologous regulatory sequence.

58. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 57 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

Sub
C2
B2
~~59. (New) A composition comprising the isolated polynucleotide of claim 53.~~

60. (New) The isolated polynucleotide of claim 53, comprising -20 to +163 of

~~SEQ ID NO:2.~~

61. (New) The isolated polynucleotide of claim 60, comprising nucleotides 61 to 609 of SEQ ID NO:1.

Sub
C3
~~62. (New) An isolated polynucleotide complementary to the polynucleotide of claim 60.~~

63. (New) The isolated polynucleotide of claim 60 further comprising a heterologous polynucleotide.

64. (New) A vector comprising the polynucleotide of claim 60.

65. (New) A host cell comprising the polynucleotide of claim 60 operably associated with a heterologous regulatory sequence.

66. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 65 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

67. (New) A composition comprising the isolated polynucleotide of claim 60.

68. (New) The isolated polynucleotide of claim 53, comprising -23 to +163 of SEQ ID NO:2.

69. (New) An isolated polynucleotide complementary to the polynucleotide of claim 68.

70. (New) The isolated polynucleotide of claim 68 further comprising a heterologous polynucleotide.

71. (New) A vector comprising the polynucleotide of claim 68.

72. (New) A host cell comprising the polynucleotide of claim 68 operably associated with a heterologous regulatory sequence.

73. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 72 under conditions such that the polypeptide is expressed; and

~~(b) recovering said polypeptide.~~

~~74. (New) A composition comprising the isolated polynucleotide of claim 68.~~

75. (New) An isolated polynucleotide comprising a nucleic acid sequence encoding the mature portion of the protein encoded by the cDNA clone of ATCC Deposit No. 75874.

76. (New) The isolated polynucleotide of claim 75 further comprising a heterologous polynucleotide.

77. (New) A vector comprising the polynucleotide of claim 75.

78. (New) A host cell comprising the polynucleotide of claim 75 operably associated with a heterologous regulatory sequence.

B3 79. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 78 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

80. (New) A composition comprising the isolated polynucleotide of claim 75.

81. (New) An isolated polynucleotide comprising a nucleic acid sequence encoding the proprotein portion of the protein encoded by the cDNA clone of ATCC Deposit No. 75874.

82. (New) The isolated polynucleotide of claim 81 further comprising a heterologous polynucleotide.

83. (New) A vector comprising the polynucleotide of claim 81.

84. (New) A host cell comprising the polynucleotide of claim 81 operably associated with a heterologous regulatory sequence.


85. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 84 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

86. (New) A composition comprising the isolated polynucleotide of claim 81.

87. (New) An isolated polynucleotide comprising a nucleic acid sequence encoding the complete amino acid sequence encoded by the cDNA clone of ATCC Deposit No. 75874.

 88. (New) The isolated polynucleotide of claim 87 further comprising a heterologous polynucleotide.

89. (New) A vector comprising the polynucleotide of claim 87.

90. (New) A host cell comprising the polynucleotide of claim 87 operably associated with a heterologous regulatory sequence.

91. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 90 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

92. (New) A composition comprising the isolated polynucleotide of claim 87.

93. (New) An isolated polynucleotide comprising a nucleic acid sequence encoding at least 30 contiguous amino acids of SEQ ID NO:2.

94. (New) The isolated polynucleotide of claim 93, further comprising at least 50 contiguous amino acids of SEQ ID NO:2.

Sub
C4
B2
~~95. (New) An isolated polynucleotide complementary to the polynucleotide of~~

~~claim 93~~

96. (New) The isolated polynucleotide of claim 93 further comprising a heterologous polynucleotide.

97. (New) A vector comprising the polynucleotide of claim 93.

98. (New) A host cell comprising the polynucleotide of claim 93 operably associated with a heterologous regulatory sequence.

99. (New) A method of producing a polypeptide comprising:

(a) culturing the host cell of claim 98 under conditions such that the polypeptide is expressed; and

(b) recovering said polypeptide.

100. (New) A composition comprising the isolated polynucleotide of claim 93.

101. (New) An isolated polynucleotide comprising a nucleic acid sequence encoding a polypeptide fragment of SEQ ID NO:2 or a polypeptide fragment encoded by the cDNA contained in ATCC Deposit No. 1, wherein said fragment has endothelial cell proliferative activity.

Sub C5
~~102. (New) An isolated polynucleotide complementary to the polynucleotide of claim 101.~~

103. (New) The isolated polynucleotide of claim 101 further comprising a heterologous polynucleotide.

104. (New) A vector comprising the polynucleotide of claim 101.

B2
~~105. (New) A host cell comprising the polynucleotide of claim 101 operably associated with a heterologous regulatory sequence.~~

106. (New) A method of producing a polypeptide comprising:
(a) culturing the host cell of claim 105 under conditions such that the polypeptide is expressed; and
(b) recovering said polypeptide.

Sub C6
107. (New) A composition comprising the isolated polynucleotide of claim 101.

108. (New) An isolated polynucleotide comprising a nucleic acid sequence selected from the group consisting of:

- (a) a nucleic acid sequence encoding amino acids +30 to +44 of SEQ ID NO:2;
- (b) a nucleic acid sequence encoding amino acids +55 to +69 of SEQ ID NO:2;
- (c) a nucleic acid sequence encoding a polypeptide fragment of SEQ ID NO:2 or a polypeptide fragment encoded by the cDNA contained in ATCC Deposit No. 75874,

wherein the polypeptide fragment binds an antibody having specificity for the polypeptide of SEQ ID NO:2;

(d) a nucleic acid sequence that hybridizes to a polynucleotide consisting of SEQ ID NO:1, the complement thereof, or the cDNA contained in ATCC Deposit No. 75874 under hybridization conditions comprising hybridization in a wash buffer consisting of 0.2XSSC and 0.1% SDS at 60OC;

(e) a nucleic acid sequence comprising 30 contiguous nucleotides of SEQ ID NO:1 or the complement thereof; and

(f) a nucleic acid sequence comprising 50 contiguous nucleotides of SEQ ID NO:1 or the complement thereof.

109. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (a).

110. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (b).

111. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (c).

112. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (d).

113. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (e).

114. (New) The isolated polynucleotide of claim 108, wherein said nucleic acid sequence is (f).--